

Mr. Gary Moore
INTAT Precision, Inc.
P.O. Box 488
Rushville, IN 46173

Re: 139-12156-00011
First Administrative Amendment to
CP 139-8845-00011

Dear Mr. Moore:

INTAT Precision, Inc. was issued a construction permit on December 10, 1997 for construction and operation of a new gray iron foundry line. A letter requesting approval to incorporate changes to the baghouse flow rates was received on April 11, 2000. Since there is no increase in potential to emit criteria pollutants and no new emission units are being installed, the permit is hereby administratively amended as follows, pursuant to the provisions of 326 IAC 2-7-11 (with new language **bolded** and old language ~~struck out~~). These changes will be incorporated into the pending Title V permit received on December 12, 1996 upon its issuance.

Pages 2 and 3 of the construction permit have been revised as follows:

(a) Charge Handling System (ID# 1000A)

- (1) four (4) scrap bunkers
- (2) one (1) sprue bunker
- (3) one (1) loading crane
- (4) one (1) weigh hopper
- (5) one (1) automated charge car

This process has a maximum capacity of 10 tons of metal per hour and does not have any air pollution control devices;

(b) Melting and Pouring System (ID# 1000)

- (1) two (2) electric induction furnaces
- (2) one (1) electric holding furnace
- (3) two (2) natural gas-fired ladle heaters (ID#s 6600 and 6610), each with a maximum heat input rate of 2 million British Thermal Units per hour

This process has a maximum capacity of 10 tons of metal per hour. This process is attached to a ~~62,720~~ **58,000** acfm baghouse, identified as BH6100, and exhausts through a vent, identified as 6100;

(c) Mold/Casting Cooling System (ID# 2000)

- (1) one (1) disamatic molding machine
- (2) one (1) cooling line
- (3) one (1) vibra drum

This process has a maximum capacity of 10 tons of metal per hour and 70 tons of sand per hour. This process is attached to a ~~78,400~~ **59,250** acfm baghouse, identified as BH6200A, and exhausts through a vent, identified as 6200A;

(d) Casting Shakeout System (ID# 3000)

- (1) one (1) vibrating conveyor
- (2) one (1) vibrating shakeout machine
- (3) one (1) preblast unit
- (4) one (1) blast system

This process has a maximum capacity of 10 tons of metal per hour and 70 tons of sand per hour. This process is attached to a ~~72,800~~ **59,250** acfm baghouse, identified as BH6200B, and exhausts through a vent, identified as 6200B;

(e) Sand Handling System (ID# 4000)

- (1) one (1) muller
- (2) one (1) sand cooler
- (3) various conveyors and screens

This process has a maximum capacity of 70 tons of sand per hour. This process is attached to a ~~56,560~~ **61,000** acfm baghouse, identified as BH6300, and exhausts through a vent, identified as 6300;

(f) Waste Sand Handling System (ID# 7000)

- (1) one (1) sand mill
- (2) one (1) waste sand hopper
- (3) conveying equipment

This process has a maximum capacity of 1.9 tons of sand per hour. This process is attached to a ~~40,200~~ **20,000** acfm baghouse, identified as BH6400, and exhausts through a vent, identified as 6400;

(g) Finishing Operations (ID# 8000)

- (1) various trim presses
- (2) three (3) bench grinders

Each of the three (3) grinding equipment is attached to a 400 acfm fabric filter, identified as FFA, FFB, and FFC, respectively. These fabric filters exhaust directly inside the building;

(h) three (3) sand towers;

- (i) one (1) paint booth (ID# 6601) used for maintenance coating operations. This booth has a maximum production rate of 120 parts per hour and coating rate of 0.0034 gallons per part. This paint booth is attached with fabric filters and vents through vents identified as SNP-1 and SNP-2; and

- (j) a scrap yard

All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this amendment and the following revised permit pages to the front of the original permit.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter please contact Nishat Hydari, at 973-575-2555 (ext. 3216) or 1-800-451-6027 press 0 and ask for extension 3-6878.

Sincerely,

Paul Dubenetzky, Chief
Permits Branch
Office of Air Management

Attachments

NH/EVP

cc: File - Rush County
U.S. EPA, Region V
Rush County Health Department
Air Compliance Section Inspector - Warren Greiling
Compliance Data Section - Karen Nowak
Administrative and Development - Janet Mobley
Technical Support and Modeling - Michelle Boner